Author Index, 1971-1975

(Volume numbers are shown in **boldface**)

А

Ackerman, L.V., 21: 162-173, 220-226. 231-232, 270-281. 368-378: 22: 40-54 Allen, D.W., 23: 127-136. 193-200 Anderson, D.E., 24: 130-136 Anglem, T.J., 23: 330-333, 339-340 Appleton, J.R., 22: 110 Arje, S.L., **21:** 365-367; **22:** 292-295 Arlen, M., 24: 78 Armstrong, D., **23:** 138-150 Armstrong, J.D., **25:** 242-257 Arnaud, C.D., 25: 27-30 Auerbach, O., **21:** 78-94 Averette, H.E., **25:** 134-151

Bacon, H.E., 21: 235

B

Bagshaw, M.A., 22: 242; 23: 81-90 Bailar, J.C., **23:** 106-110; **24:** 253-254, 318-319, 372-374; **25:** 46-47, 372-374, 23; 40-47, 107-110, 172-174, 238, 293-295, 344
Baillie, M., 24; 49-56
Baker, C.G., 22; 99-101
Baker, H.W., 22; 30-39, 102-109, 159-162; 25: 163 Ballantyne, A.J., 24: 306 Barber, H.R.K., 22: 357-359, **24:** 339-347, 348-350; **25:** 160-161, 292, 334-337 Barckley, V., **24:** 191-192 Barclay, M., **21:** 202-212 Barrett, C.M., 21: 102-108 Barrie, J.R., 21: 112-119 Bartholomew, L.G., 21: 234 Beardmore, G., 23: 160-170 Beattie, E.J., 24: 96-99 Bennett, A., 24: 171-181

Bergenstal, D.M., 23: 244-255 Bergevin, P.R., 24: 338 Billroth, T., 22: 299-302 Block, J.B., 21: 66-67, 130-131, 198-199, 265-266, 392-393; **22:** 63, 124-126, 192-193, 256, 318-319, 376-378; 23: 64-65, 118-119, 182-183, 258-259, 323-325, 384-386; **24:** 57, 125-127, 182-184, 255, 315-317, 369-371 Blum, R.H., 24: 322-331 Bodansky, O., **23**: 275-280 Bodey, G.P., **21**: 214-219 Bolt, R.J., **21:** 229 Bowden, L., **22:** 274-283; 23: 377 Bragg, D.G., **25**: 242-257 Brasfield, R.D., **21**: 174-183, 379-385; 22: 176-183 Brayton, J.D., 24: 233-234 Brendler, H., 25: 101 Brobyn, T.J., 23: 33-37 Brodsky, I., 24: 149 Brunschwig, A., 24: 363-367 Burchenal, J.H., 23: 344-353 Burgess, G.H., 23: 228-231 Burkitt, D.P., 22: 349-355 Butcher, H.R., 21: 235 Byrd, B.F., 24: 290-293

Cahan, W.G., 22: 338-343 Caldwell, W.L., 22: 185-186; 23: 81-90 Canale, V.C., 24: 66-77 Carbone, P.P., 23: 285 Carter, S.K., 24: 322-331 Case, R.W., 23: 228-231 Chedd, G., 21: 36-38 Chopra, H.C., 22: 58-59 Christopherson, W.M., 21: 282-287 Cohn, I., 24: 148

Cole, P., 23: 127-136, 193-200
Cole, W.H., 21: 231; 24: 274-279
Coller, J.A., 25: 286-290
Cooper, C., 21: 214-219
Corman, M.L., 25: 286-290
Crary, G.C., 24: 36-39
Crary, W.G., 24: 36-39
Crile, G., 23: 334-338; 24: 80
Crosby, C.H., 22: 184-185
Curreri, A.R., 25: 164
Cutler, S.J., 22: 56-57

D

Daly, T.E., 23: 61
D'Angio, G.J., 24: 332-335
Das Gupta, T.K., 21:
174-183, 379-385; 22:
176-183; 23: 266-268
Davis, N.C., 23: 43-45,
160-170
Derrick, W.S., 21: 248-251;
23: 269-274
DeVita, V.T., 25: 152-158
DeWys, W., 21: 72-76
Diamond, L.K., 24:
297-305
Docherty, J.J., 25: 72
Dodd, G.D., 23: 61
Dollinger, M.R., 22:
138-147
Donaldson, M.H., 23: 116
Donegan, W.L., 24: 247
Dowdy, A.H., 21: 158-161
Dunphy, J.E., 22: 184

F

Earle, J.D., **25**: 279 Eckles, N.E., **21**: 236-247, 306-316 Ewing, J., **22**: 95-98 Exelby, P.R., **21**: 95-101; **22**: 202-208; **24**: 163-168

F

Fairweather, W.E., 22:

74-79 Farber, S., 24: 297-305 Farrow, J.H., 22: 55 Feller. W.F., 22: 59, 328-336 Fennell, R.H., 21: 184 Feraru, F., 24: 337 Fisher, B., 22: 186-187 Foley, J.F., 23: 354-361 Folkman, J., 22: 226-229 Fortner, J.G., 22: 148-150; 23: 180 Frable, W.J., 21: 252-253 Fracchia, A.A., **22**: 243-244 Freireich, E.J., **21**: 214-219; 23: 220-227 Friedman, E.W., 24: 266-273 Friedrich, E.G., 24: 22-30 Fuller, L.M., 21: 236-247. 306-316: 23: 232-241

Gall. E.A., 21: 102-108 Gallagher, H.S., **22**: 60-61 Garfinkel, L., **21**: 78-94; 25: 58-61 Gellin, G.A., 24: 234-235 Gillman, A.M., 23: 284 Godlee, R.J., 24: 171-181 Godwin, J.T., 24: 40-41 Gold. P.. 21: 228-229 Goldsmith, H.S., 22: 216-220; 23: 42-43, 45 Goldsmith, R.S., 25: 27-30 Good, R.A., 25: 178-186 Graber, E.A., **22:** 357-359; **24:** 339-347, 348-350 Grabstald, H., 23: 81-90: 25: 82-90, 280 Graham, E.A., 24: 238-242 Grant, R.N., 21: 32-35, 109-111, 158-161 109-111, 158-161 Greegor, D.H., **21:** 230; 22: 360-363 Greene, E.M., 21: 202-212 Gumport, S.L., **24:** 218-228 Gusberg, S.B., **23:** 99-105; 25: 281-285

Halsted, W.S., 23: 96-98 Hammond, E.C., 21: 78-94; 22: 327 Harris, M.N., 24; 218-228 Hartman, P.V., 24: 338 Hawk, J.C., 24: 280 Hayes, D.M., 21: 305 Heidelberger, C., 25: 101 Helson, L., **25**: 264-277 Helsper, J.T., **22**: 172-175 Henderson, B.E., 25: 230-234 Henderson, E.S., 24: 245-246 Herbst. A.L., 22: 292-295 Hertz, R., 23: 244-255 Heston, V.J., 21: 125-127, 196-197, 258-261. 328-331, 390-391; 22: 64-65, 127-128, 194-195, 257-259, 324-326, 384-385; **23**: 70-71, 124-126, 187-188, 260-262, 318-319 378-380; 24: 60-61, 119-122, 185-187 253-254, 318-319 185-187, 372-374; 25: 46-47 107-110, 172-174, 238, 293-295, 344 Hilbish, T.F., 23: 244-255 Hilleman, M.R., 24: 212-217 Ho, D.H.W., 23: 220-227 Hodges, C.V., 22: 232-240 Hodgkin, T., 23: 54-60 Hodgkinson, C.P., 21: 365-367 Holland, J.M., 25: 121-133 **23:** 2-27, 38-41, 62-63, 106-110, 117, 151-154, 181, 275-280, 328, 341 362-366; 24: 2-21, 42-46,

64, 83-86, 117-118, 137-140, 212-217, 256 274-279, 320, 332-335; 25: 2-21, 22-26, 48 62-65, 112, 152-158, 178-186, 239-240, 258-263, 303-304 Holyoke, E.D., **25:** 22-26 Horn, R.C., 21: 232; 24: 307 Horsley, J.S., 22: 74-79, 311 Horton, J., **24:** 233 Huggins, C.B., **22:** 232-240 Humphrey, L.J., 21: 134-140: 24: 106 Humphries, R.E., 23: 368-374 Hutter, R.V.P., 21: 3-10; 22: 90 Huvos, A.G., 23: 74-80

Jain, A.K., **24:** 79-80 James, A.G., **24:** 32-35 Jesse, R.H., **22:** 209-215, 356 Jewett, H.J., **24:** 244, 338 Johnston, W.W., **21:** 253-254

Kaplan, H.S., **25**: 306-319 Kaufman, R.H., **24**: 258-265, 307; **25**: 72-73 Kaufman, R.J., **21**: 202-212; **24**: 307 Kelley, R.M., **22**: 241-242 Ketcham, A.S., **23**: 38-41 Kierland, R.R., **22**: 364-371 Kim, D.H., **22**: 216-220; **23**: 42-43, 45 Kirman, D., **21**: 78-94 Klein, E., **23**: 228-231 Knapper, W.H., **21**: 112-119 Koehl, R.H., **21**: 2-10 Kopf, A.W., **24**: 218-228 Koss, L.G., **24**: 141-143 Krakoff, I.H., **23:** 208-219 Krant, M.J., **24:** 336; **25:** 98-100 Kwon, T.H., **24:** 339-347, 348-350

Lasker, M., 23: 256-257
Laughlin, J.S., 21: 334-340
Lawrence, W., 23: 286-304; 25: 175-176
Leber, R.E., 23: 330-333
Lee, Y.-T.N., 24: 104-105, 235
Letfall, L.D., 21: 288-291; 22: 111-112; 24: 42-46, 152-159
Levin, A.G., 23: 74-80
Lewison, E.F., 22: 58; 23: 180
Li, M.C., 23: 375-376
Lipkin, M., 21: 227
Lipsett, M.B., 22: 58; 23: 244-255

Little, J., 23: 160-170

Luckey, R.C., 24: 281

M

MacComb, W.S., 24: 229-232 Maier, W.P., 22: 89-90; 23: Manos, N.E., 22: 221-225 Marcove, R.C., **23**: 74-80 Markel, W.M., **22**: 187; **24**: 82 Markman, H.D., 23: 354-361 Martel, W., 21: 230-231 Martin, J.E., 22: 62 Martland, H.S., 23: 368-374 Mattingly, R.F., 24: 22-30 McBride, C.M., 25: 164 McCredie, K.B., 23: 220-227 McHugh, P., 21: 185 McKhann, C.F., 25:

187-198

McLeod, R., 23: 160-170 McPeak, C.J., 25: 102 Mead, J.A.R., 25: 103-104, 296-298, 346-347 Meigs, J.V., 25: 33-39 Mercer, R.D., 24: 297-305 Metcalf, D., 22: 308-310 Michaelis, L.L., 22: 74-79 Mikė, V., 23: 74-80 Miller, T., 24: 244 Moore, D.H., 22: 59 Moore, G.E., 23: 42 Mountain, C.F., 24: 147 Muecke, E.C., 24: 66-77 Müller, J., 23: 307-312 Munnell, E.W., 24: 106 Murphy, G.P., 24: 282-288

N

Nelson, J.H., **21:** 184-185; **24:** 243; **25:** 134-151 Newell, G.R., **25:** 338-343 Norman, F.W., **22:** 244

0

Olsson, C.A., **24:** 107 Osborne, R.L., **24:** 194-211 Osterkamp, R.W., **23:** 28-32 Overholt, B.F., **21:** 229-230; **25:** 74-81 Ozzello, L., **22:** 61

D

Paget, J., 21: 303-304 Papanicolaou, G.N., 23: 174-179 Patwardhan, V.C., 24: 337-338 Peck, A., 22: 284-291 Perez, F.M., 24: 80-82 Pescovitz, H., 22: 311 Pike, M.C., 25: 230-234 Pittman, F.E., 24: 281 Pivar, M.S., 25: 291 Pott, P., 24: 110-116 Prescott, D.M., 22: 262-272 Price, E.B., **23:** 244-255 Purnell, D.C., **25:** 27-30 Pusztaszeri, G., **25:** 204-214

0

Quan, S.H.Q., **24:** 148 Quinn, J.L., **21:** 292-301; **22:** 243 Quinn, R., **23:** 160-170

R

Rapp, F., 25: 215-229 Rauscher, F.J., 23: 46-51 Ravdin, R.G., 22: 185 Raventos, A., 21: 63-65, 128-129, 190-192, 262-264, 322-324, 388-389; **22**: 66-67, 118-121, 186, 198-199, 252-253, 322-323, 381-383; **23**: 68-69, 122-123, 189-192 326-327, 383; **24:** 62-63, 128, 190, 248-249, 308-311. 375-376: 25: 40-41, 111, 166-169, 235, 301-302, 348 Rawls, W.E., 24: 258-265; 25: 72-73 Richart, R.M., 25: 134-151 Rickles, N.H., 22: 163-171 Riggs, B.L., **25:** 27-30 Robins, M., **22:** 221-225 Röntgen, W.K., 22: 153-157 Rosai, J., 21: 163-173, 220-226, 270-281 368-378; **22**: 40-54 Rosato, F.E., **22**: 89 Rosemond, G.P., **22**: 55-56; 23: 33-37; 25: 102 Rosenberg, I.N., 23: 281-283 Rosenberg, S.A., 25: 306-319 Rous, P., 22: 23-25 Rundles, W., **24:** 137-140 Ryser, H.J.P., **24:** 351-360

Schroeder, J.M., 21: 156-157 Schwartz, A.E., **24**: 266-273 Seixas, F.A., **25**: 62-65 Seman, G., **22**: 59-60 Shah, J.P., **22**: 216-220; **23**: 42-43, 45 Sherman, L., **25**: 258-263 Shils, M.E., **21**: 398-406 Shimkin, M.B., 21: 68-70. 123-124, 193-195, 255-257, 325-327, 394-396; 22: 68-69. 122-123, 196-197, 254-255, 320-321 379-380: **23**: 66-67. 120-121, 184-186, 263-264, 320-322 381-382: 24: 58-59. 123-124. 188-189. 250-252. 312-314 377-378: 25: 44-45. 105-106, 170-171, 236-237, 299-300, 345 Silverberg, E., 21: 13-31; 22: 2-20; 23: 2-27; 24: 2-21; 25: 2-21 Silverberg, S.G., 25: 159-160 Singer, J.J., **24:** 238-242 Skipski, V.P., **21:** 202-212 Smith, L.H., **25**: 27-30 Smith, R.H., **23**: 313 Snyder, R.E., **21**: 2-10; **22**: 90-91 Snyderman, R.K., 24: 246-247 Solomon, K., 25: 280 Southam, C.M., 23: 74-80 Spratt, J.S., 21: 32-35, 233; 23: 155-159; 24: Stafl, A., 24: 22-30 Stanton, M.F., 21: 58-62, 125-127, 196-197, 258-261, 328-331, 390-391; 22: 64-65.

Scholz, D.A., 25: 27-30

127-128, 194-195. 257-259, 324-326 384-385: 23: 70-71. 124-126, 187-188, 260-262, 318-319 378-380: 24: 60-61. 119-122, 185-187, 253-254, 318-319 Stark, R.B., 22: 303-307 Stearns, M.W., 21: 233-234, 267-268; 23: 116; 24: 100-103, 160-162, 280 Stein, J.J., 21: 234-235; 24: 83-86 24: 83-86 Stein, R.S., 25: 320-333 Stewart, T.H.M., 22: 60 Stock, C.C., 21: 202-212 Strax, P., 22: 88 Strong, E.W., 21: 112-119 Sullivan, M.P., 23: 232-241 Sylvester, R.F., 24: 297-305

Taylor, H.B., 22: 57
Taylor, R.M., 24: 368
Terebus,-Kekish, O., 21: 202-212
Terry, L., 23: 362-366
Terry, W.D., 25: 198-203
Thiessen, E.U., 22: 87
Thurman, W.G., 23: 61
Tompkins, R.R., 24: 234
Trelford, J.D., 24: 151
Turell, R., 23: 91-93, 313

Ulfelder, H., **24:** 31 Ultmann, J.E., **21:** 342-359; **24:** 150-151; **25:** 320-333 Urban, J.A., **21:** 132-133; **22:** 91-92

Vaeth, J.M., **22:** 242-243 Valk, W.L., **21:** 109-111 Van Scott, E.J., **25:** 291 Van Way, C.W., **25:** 164-165 Veidenheimer, M.C., **25:** 286-290 Venet, L., **22:** 87-88 Viola, M.V., **21:** 46-57, 254 Virchow, R., **25:** 93-100 Volk, H., **23:** 354-361

W Walker, M.D., **25:** 114-120, 280

Wallace, T.I., 21: 11-12 Wang, C.-C., 22: 356 Watson, F.R., 23: 155-159 Watson, P., 21: 214-219 Weber, E., 25: 73

Weisburger, J.H., **21**: 227-228 Westmoreland, D., **25**:

215-229 Whitmore, W., **23:** 284 Whitten, J.B., **23:** 28-32 Will J. **21:** 102 108

Will, J.J., **21**: 102-108 Wilson, C.B., **22**: 241; **24**: 31; **25**: 163 Windhorst, D., **25**: 162

Windhorst, D., **25:** 162 Wizenberg, M., **23:** 81-90 Wolfe, J.N., **22:** 88-89 Wolff, J.A., **24:** 297-305 Wood, G.C., **21:** 142-155, 305; **22:** 80-86

Wynder, E.L., **23:** 151-154

Yarlott, M.A., **25**: 187-197 Young, C.W., **22**: 26-29

Zamcheck, N., **25**: 204-214 Ziegler, J.L., **24**: 246 Zippin, C., **22**: 57 Zubrod, C.G., **23**: 202-207

Abdominal-perineal resection for rectal

First report of, 21:361-364 Vs. fulguration, 21:267-268

Actinomycin D

Combined with surgery and radiotherapy, For Wilms' tumor, **23**:345

See also chemotherapy.

Adenocarcinoma

Of the lung, **25**:246-249 Of the oral cavity, **22**:38-39,212,213 Of the salivary glands, **24**:271,272-273 Of the thyroid, **25**:164-165

Adenoma of the lung, 25:249-250 Adenoviruses and cancer, 25:216

Adriamycin See chemotherapy.

Aflatoxin B, and cancer, 24:351,353 Alcoholism and cancer, 25:62-65

Alimentary tract cancer See surgery.

Alkylating agents And cancer, 24:351,353,354 See also chemotherapy.

Alpha,-Fetoprotein (AFP) Levels in liver carcinoma, 25:210-211 Levels in testicular tumors, 25:211

Alpha,-H Fetoprotein (Alpha,-HFP) for cancer detection, 25:211-212

American Cancer Society Role in cancer control, 23:62-63 Aminopterin for treatment of childhood leukemia, 24:297-305
Analgesics, 23:270-271

Angiogenesis, 22:226-229 Angiomatosis, 22:176-179

Angiosarcoma, 22:179-180 Anorexia and cancer, 21:73-76 Appetite control and, 21:73 Mechanisms of, 21:75-76 Metabolic abnormalities in, 21:73-75

Therapy for, 21:76 Anticoagulants

For treatment of cancer, 24:149 Metastases, 23:38-41

Antigens

See immunology. Aromatic amines and cancer, 24:351, 353,354-355

Arteriography, 24:86

Baillie, Matthew

Biography of, 24:47-48

Basal cell carcinoma, 24:220-223 Differential diagnosis of malignant melanoma and, 23:167

BCG

See immunotherapy.

Benign lesions Of the blood and lymph vessels, 22:176-179 Resembling cancer, 21:171-173

Bennett, Alexander Hughes Biography of, 24:169-170

Beta-S Fetoprotein (Beta-SFP) for detection of liver carcinoma, 25:212

Billroth, Theodor Biography of, 22:296-298

Biochemistry

Advances in. 23:275-280 Bulbrook study on breast cancer, 23:280 CEA test, 23:278-280

Enzyme tests, 23:275-278

Oscar Bodansky's innovations in, 23:328

Biography of Baillie, Matthew, 24:47-48

Bennett, Alexander Hughes, 24:169-

Billroth, Theodor, 22:296-298 Brunschwig, Alexander, 24:361-362 Burkitt, Denis, 22:345-347 Ewing, James, **22**:93-94 Farber, Sidney, **24**:294-296

Godlee, Rickman J., 24:169-170 Graham, Evarts A., 24:236-237,337 Halsted, William, 23:94-95 Hertz, Roy, 23:242-243 Hodgkin, Thomas, 23:52-53

Huggins, Charles, 22:230-231 Martland, Harrison, **23**:367 Meigs, J.V., **25**:31-32 Miles, W. Ernest, **21**:360

Müller, Johannes, 23:305-306 Paget, Sir James, 21:302 Papanicolaou, George, 23:171-173 Pott, Sir Percivall, 24:108-109

Röntgen, Wilhelm, 22:151-152 Rous, Peyton, 22:21-22 Virchow, Rudolf, 25:91-92

Biopsy, 21:220-223 Excision, 21:222-223 Frozen section, 21:270-273 Incision, 21:222

Liver,

For lymphomas, 21:349-350 Microscopic examination of, 21:273-

Needle, 21:220-222 Of the cervix, 25:137-141 Percutaneous transthoracic needle aspiration biopsy, **25**:255

Bladder cancer

Chemotherapy for, 23:90 Diagnosis of, 23:82 Radiotherapy for, 23:85-90 Relationship of paraplegia with, 24:107 Staging of, 23:82-84 Surgery for, 23:84-90 Symptoms of, 23:81-82

Bleomycin

See chemotherapy.

Blood vessel tumors, 22:176-181
Benign, 22:176-179
Angiomatosis, 22:176-179
Glomus tumor, 22:179
Hemangioma, 22:176-179
Malignant, 22:179-181
Angiosarcoma, 22:179-180
Hemangiopericytoma, 22:180-181

Kaposi's sarcoma, **22**:180 **Blue nevus**

Differential diagnosis of malignant melanoma and, 23:164

Bone Tumors

Chondrobastoma 24:200
Enchondroblastoma 24:200
Enchondroblastoma 24:200
Enchondroma 24:199-200
Fibroxanthoma, 24:202-203
Giant cell tumor, 24:197,201-202
Hemangiomas, 24:203
Osteoblastoma, 24:201
Osteochondroma, 24:198-199
Osteoid osteoma, 24:202-201
Osteoma, 24:198
Diagnosis of, 24:196-197
Radiologic, 24:194-211
Malignant,
Chandrosarroma, 24:207-208

Radiologic, 24:194-211
Malignant,
Chondrosarcoma, 24:207-208
Diffuse endothelioma,
First description of, 22:95-98
Fibrosarcoma, 24:209,210-211
Metastases in, 24:197-211
From breast primary, 21:306-311
Management of, 21:54-56
Myeloma, 24:204-205
Of the jaw, 22:107-109
Osteogenic sarcoma, 24:197,207,

Reticulum cell sarcoma, **24**:197,205-206 Squamous cell sarcoma, **24**:244

Bonifacio Anticancer Goat Serum, 21: 43-45

Brain cancer, 25:114-120,280 Chemotherapy for, 25:117-118 Combined modalities treatment for, 25:118-120 First excision for, 24:169-181 Malignant gliomas, 25:114-115,120

Meningiomas, 25:114-115

Neurodiagnostic tests for, 25:116 Radiotherapy for, 25:116-117 Scans in detection of, 24:31 Surgery for, 25:116 Symptoms of, 25:115-116,280

Breast

Cancer of,
Adriamycin for, 24:325-326
Bilaterality of, 22:60-61,92,184
Carcinoembryonic antigen (CEA)
measurement in, 25:204-210
Cross-reactivity of, 22:60
Detection of, 21:158-161; 22:62,88-89,90-91,92; 23:61; 24:82,290-293
Estrogen and, 24:307
Histology of, 22:58-59,61,89-91,184
Hormones and, 22:55,57-58,335
Incurable, 21:236-247
Therapy for 21:236-247,306-316

Metastatic liver lesions from, Management of **24**:247

Paget's disease,

First description of, **21**:303-304 Pregnancy and, **22**:184-185; **23**:180 Prognosis of, **22**:56-57,91-92 Relation with prolactin, **25**:258-263 Risk factors for, **22**:57,87,89,329-330 Treatment of, **22**:55-56,58,62,89-91, 184-187,241-244

American Cancer Society's policy statement on, 23:341-343 Controversy over surgery, 23:330-333,334-338,339-340; 24:78-82 Delayed surgery, 21:132-133 Radical mastectomy, 24:78 First description of mastectomy, 23:96-98

Viruses and, **22**:58,59,332,334-335 Attitudes about, **24**:117-118

Cysts of,

Needle aspiration for, 23:33-37 Symptoms associated with, 23:33-34 Treatment of chronic cystic mastitis, 24:246,247

Bronchography in lung cancer, 25:254 Brunschwig, Alexander

Biography of, 24:361-362 Burkitt, Denis

Biography of, 22:345-347 Burkitt's lymphoma

First description of, 22:348-355
Treatment of, 24:246
With chemotherapy, 23:345-346
And immunotherapy, 23:350-351
Cyclophosphamide, 25:152-153

C

Cachexia of neoplastic disease Appetite control in, 21:73 Mechanisms of, 21:75-76

Metabolic abnormalities in, 21:73-75 Therapy for, 21:76 Carcinoembryonic antigen (CEA), 25:22-26,204-210 Evaluation of tests for, 23:278-280 Measurement of, For breast cancer, 25:209-210 For colon disorders, Benign, 25:206-207 Malignant, 25:22-26,204-209 For gastrointestinal cancer, 25:25-26 For lung cancer, 25:210 For ovarian cancer, 24:350 For pancreatic cancer, 25:25-26 Carcinogenesis, 24:351-360 Carcinoplacental Alkaline Phosphatase for cancer detection. 25:212 Cecum, cancer of Management of, 23:180 Cell reproduction, 22:262-272 Cell life cycle, 22:262-265 G₁ phase, 22:265-267 Regulation of cell production, 22:267-Cervical nodes, metastatic Of unknown origin, 21:112-119: 24:229-232 Diagnosis, 24:229,230,231 Treatment. 24:229-232 Cervix, Cancer of, 21:184-185; 25:134-150 Changing patterns of, 21:282-287 Cytologic screening for, 21:158-161, 282-287; 22:221-225 Detection of, **24**:22-30; **25**:134-141 By biopsy, **24**:24; **25**:137-141 By colposcopy, 24:26-29; 25:136-140 By conization, 24:25-26 By cytology, 24:22-23 With Schiller's solution, 24:23-24 5-Fluorouracil as a possible cause of, 24:151 Herpes genitalis and, 24:258-265 Staging of early, 24:243 Treatment of, 24:243 Dysplasia, 25:141-143,144-147 Carcinoma in situ, 25:141,143, 144.147-148 Stage I, 25:141,144,148-150 Stage II, 25:141,144 Wertheim operation for, First report of, **25**:31-39

For leukemia, 24:327-328 For malignant lymphoma, 24:327 For other tumors, 24:328 For sarcoma, 24:326-327 Toxicity of, 24:328-330 Cardiac, **24**:329-330 General, **24**:328-329 Alkylating agents for ovarian cancer. 25:153 Aminopterin for leukemia remissions, 24:297-305 Bleomycin, 24:322-324 Dosage for, 24:324 Response rate from, 24:322-324 Toxicities of, **24**:324 Combination, **25**:155-158 For acute lymphatic leukemia of childhood, 25:156 For breast cancer, 25:157-158 For Hodgkin's disease, 25:156 Mechanisms of action of, 25:155-156 Complications of, Infections. Protections against, 21:214-219 Toxicity. Treatment for, 21:156-157 Cyclophosphamide. For Burkitt's lymphoma, 25:152-153 Editorial on, 22:200 Evaluation of new agents in the NCI Chemotherapy Program, 22:99-101 Factors in effectiveness of, 23:204-206 5-Fluorouracil, And cancer of the cervix, 24:151 For colon cancer, 25:164 For skin cancer (topical), 23:228-231 Indications for, 23:229 Mode of action of, 23:228-229 Results of, 23:231 Side effects of. 23:230-231 Mechanisms of action of, 25:101 For bladder cancer, 23:90 For brain cancer, 25:117-120 For breast cancer, 24:347; 25:102 Incurable, 21:236-241 For Burkitt's tumor. 23:345-346 Combined with immunotherapy, 23: 350-351 For choriocarcinoma, 23:344-345 Early report on, 23:244-255 Treatment of testicular, 25:88 Treatment with methotrexate, 25:152 For colon cancer, 23:285 For disseminated neuroblastoma, 25:268-269,272-277 For Hodgkin's disease, 23:346-347; 25:308,310-318 And other lymphomas, 21:356-358 Combined with radiotherapy, 23:232-241 For leukemia, 23:347-350

Precancerous lesions of,

Chemotherapy, cancer Adriamycin, 24:325-330

327

And pregnancy, 24:141-143

Clinical effectiveness of, 24:325-328

For breast cancer, 24:325-326

For bronchogenic carcinoma, 24:

Combined with immunotherapy, 23: 349-350.351

For malignant effusions,

See effusions.

For soft tissue sarcomas, 23:268

For stomach cancer, 23:302 For testicular tumors, 23:345

For Wilms' tumor. 23 :345; 24:73-75,233

Future of. 23:204-206 History of. 23:203-204

L-asparaginase, 23:220-227 Clinical results with, 23:225-227

History of, 23:220

Immunosuppressive activities, 23:225

Pharmacology of, 23:221-223 Resistance to, 23:223 Structure of, 23:218-219

Toxicity of, 23:223-225

Limitations of, 25:153-155

Mechanisms of action of, 23:214-216 Cell cycle specificity, 23:217

Drugs inhibiting protein synthesis, 23:214-215

Drugs modifying DNA functions, 23: 214-215

Drugs modifying nucleic acid biosynthesis, 23:214-215

Mitotic inhibitors, 23:216

Specific metabolic inhibitors, 23:216 Steroid hormones balance, 23:216

Nomograms for determining body sur-

face area, 23:212-213 Present status of, 23:202-203,208-211 Streptozotocin for malignant islet cell

tumors of the pancreas, 25:153 Childhood cancer, 24:332-335

Hodgkin's disease, 21:95-101, 25: 306-319

Malignant scrotal masses, 24:163-168 Management of, 24:332-335

Prognosis of, 24:332 Side effects from, 24:332-334

See also sacrococcygeal teratomas and ovary.

Chloromethyl methyl ether, 24:352-353 Chondrosarcoma of bone, 24:207-208 Choriocarcinoma

Chemotherapy for, 23:344-345 Early report on, 23:244-255,375-376

Classics in Oncology

Billroth's gastrectomy, 22:299-302 Burkitt's lymphoma, 22:348-355 Cerebral tumor.

Surgical treatment of, 24:169-181 Editorial on, 21:397

Ewing's diffuse endothelioma of bone, **22**:95-98

Halsted's radical mastectomy, 23:96-98 Hertz's chemotherapy for choriocarcinoma, **23**:244-255,375-376

Hodgkin's disease, 23:54-60

Huggins's studies on prostatic cancer, **22**:232-240

Leukemia,

First description of, 25:91-97

First remission produced by drugs,

Luna.

First removal of. 24:236-242.337 Martland's osteogenic sarcoma

watch dial painters. 23:368-374 Miles's operation, 21:361-364

Müller's structural characteristics cancer, 23:307-312

Paget's disease, 21:302-304 Pancreas and duodenum

First resection for 24:361-367 Papanicolaou's test, 23:174-179 Pathology,

First systematic text of, 24:47-48,49-56 Röntgen's X-rays, 22:153-157

Rous's sarcoma virus, 22:21-25 Scrotal cancer,

First description of, 24:108-116 Wertheim operation,

Original report of, 25:31-39

Classification, general Of carcinoma, 21:370-371

Of carcinoma in situ, 21:371-372 Of Hodgkin's disease and other lymphomas, 21:343-345,374-377

Of sarcoma, 21:372-374 Clustering, cancer, 25:230-234

In Hodgkin's disease, 25:231-233 In leukemia, 21:233-234 Tests for validity of, 21:231

Coal tar and cancer, 24:351,353 Codman's triangles as a symptom of

bone cancer, 24:195 Codman's tumor, 24:200

Colon and rectum Benign disease of the, 21:233-234; **25**:78-80

CEA detection of, 25:206-207 Cancer of the, 24:152-159; 25:80-81 CEA measurement for, 25:22-26,204-

Detection of,

By proctosigmoidoscopy, 23:354-361; **25**:286-290

Using guaiac slide technique, 22: 360-363

Diagnostic techniques for, 21:230; 24:154-157

Differential diagnosis of, 24:157-159,

Digital rectal exam for, 24:100-103 Endoscopic examination for, 24:160-162

Etiologic factors in, 21:227-229; 23: 151-154

5-Fluorouracil as a surgical adjuvant

for, 25:164 Histology of, 21:227,232 Incidence of, 21:233; 23:151-152 Preoperative administration of antibiotics for. 23:116

Recurrent.

Chemotherapy and radiation therapy for. 23:285

Survival rates for, 21:229

Symptoms of, 21:234; 24:100, 152-154, 160 Therapy for, 21:231-232,234-235

Variables of metastatic, 21:32-35 Leiomyosarcoma of, 25:102

Polyps of the,

Management of, **23**:91-93,313 Sessile, **24**:148

Colonoscopy, 25:74-81

For disease detection. Cancer, **25**:80-81 Colitis, **25**:78-80 Diverticulosis, 25:78

Indications and contraindications, 25:

Colposcopy in examination for cervical neoplasia, 24:26-29; 25:136-140 Communications techniques

In cancer management, 21:143-155 Editorial on, 21:200-201

Complications

Of cancer chemotherapy, 21:156-157 Protection from, 21:214-219 Of Hodakin's disease and other lymphomas, 21:351-355

Compound nevus and differential diagnosis of malignant melanoma, 23:162 Conization of the cervix, 24:25-26 Contraceptive pills and stilbestrol,

Contreras Methods for cancer, 21:317-

Cryosurgery for cancer, 22:338-343 Cutaneous lesions suggesting internal cancer, 22:364-37

Cyclosphosphamide for Burkitt's lym-

phoma, **25**:152-153 **Cyclotron** in the production of radionuclides. 21:334-340

Cysts

See breast.

Cytology Cell reproduction, 22:262-272 Detection of cervical cancer by. 21: 223-226, 282-287; 22:221-225; 24:23-24.143

And mammography, 21:158-161 Diagnostic, 21:223-226

Of malignant effusions, 21:47-48 Examination of surgical specimens by, 24:40-41

Exfoliative.

And oral cancer. 22:163-171 Rapid smear technique. 24:41

Death and the cancer patient, 24:256,336 Decisions in cancer management, 23:155-159

Patient's role in. 23:181

Diagnosis, cancer Of colorectal cancer, 22:360-363 Of malignant effusions, 22:138-139 Of oral tumors, 22:31-39,102-108 Of ovarian cancer in postmenopausal women, 22:357-359 Of sacrococcygeal teratomas in children, 22:204-206 Of vaginal cancer, 22:293 Techniques for, Ancillary studies, 21:277-281 Biochemical tests, 23:275-280 Biopsy, 21:220-223 Cytology, 21:223-226 Frozen section, 21:270-273 Gross and microscopic examination, 21:273-277 Radionuclidic scanning, 21:292-301, 334-340

Specimen roentgenography of the

breast, 21:2-10,11-12

Dial Access Programs for cancer information, **21**:144-152; **22**:80-86 Development of, **22**:83-86

In treatment decisions, 22:82-83 In emergencies, 22:82

In referral, 22:82

See nutrition. Digital rectal examination See colon and rectum

Dye-light therapy for herpes simplex virus infections, **25**:72-73

Dysplasia, cervical, 25:141-143 Treatment of, 25:144-147

Editorials

Act to conquer cancer, 21:332-333 Breast carcinoma, Management of, 24:78-82 Women's attitudes regarding, 24:117-118 Bronchus removal for carcinoma, 24:337 Cancer chemotherapy—progress and

promise, 22:200 Cancer control, costs, benefits and, 24:64

Cancer information center, a shared re-

sponsibility, 21 :200-201
Cancer nursing—something old, some-
thing new, 24 :191-192
Cancer patient—too often alone, 22:129
Cancer therapy—the patient's deci-
sion?, 23:181
Case against delayed operation for
breast cancer, 21:132-133
Cookbook cancer therapy, 23:117
Do you mind if I smoke?, 25:303-304 Environment and cancer, 22:327
Every day is precious, 22:70-72
Forget the laboratory report?, 23:328
Fruits, vegetables and cancer dimen-
sions, 25 :112
Comments on, 25 :278-279
Humanism and cancer, 22:386-387
International campaign against cancer,
24:368 Introducing cancer into the curriculum,
25 :175-176
Oncologist and cancer management,
24 :320
Patient's right to die, 24:256
Personal tribute to Sidney Farber,
23 :256-257
Peyrihle's quest and modern oncology, 21 :397
Rectal cancer, to burn or not to burn,
21 :267-268
Role of the private sector in cancer
control, 23 :62-63
Some facts about the cancer effort,
25:239-240
Spirit of adventure: a personal tribute to Wendell G. Scott, 22:261
Surgical treatment of breast cancer,
23 :341
Worthless cancer remedies, 21:71
25 Years of Ca-A Cancer Journal for
Clinicians, 25:48
Effusions, malignant
Diagnosis of, 22:138-139 Management of recurrent, 22:138-147
Chemotherapy, 22 :140-143,144-145
5-Fluorouracil, 22 :143
Nitrogen mustard, 22:140-141,144
Quinacrine, 22:142,144
Thio-TEPA, 22:142,143

Epstein-Barr virus See virus. Erythroleukemia Estrogen Ewing, James Examination Farber, Sidney Radioactive isotopes, 22:143-146 216-217 Surgery, 22:146 Pathogenesis of, 22:139-141 **22**:113-117 Embryonal carcinoma, Treatment of testicular, 25:88 EMI scanner, 24:85-86 Emotional crises and cancer, 24:36-39 Enchondroma, 24:199-200 **Endocrine ablation** for incurable breast cancer, **21**:236-241

103 Carcinoma in situ, 23:99-100 Diagnosis of, 23:101-102 Hormonal relations in, 23:104 Menopause and patients at high risk of, 23:100-103 Treatment of, 23:102-105 Endoscopic examination of the colon and rectum, 24:160-162 Environmental factors in cancer, 22:327 Epidemiology of cancer, 21:13-31, 402-404: **22**:2-20; **23**:2-27; **24**:2-21; **25**:2-21, 338-343 Epidermoid carcinoma of the lung, 25:244-245 Epithelial tumors of the ovary in children. **25**:335 Prognosis of, **24**:245 Treatment of, **24**:245-246 Erythema as a sign of internal cancer Diffuse and variable, 22:365-369 Localized, 22:365,366 Esophageal cancer, staging of, 25:50-57 General rules, 25:50-51 Survival rates by stage, 25:56-57 TNM system, 25:50-55 And breast cancer, 24:307 And gynecologic cancer, 25:291 Biography of, 22:93-94 Ewing's tumor, 24:197,206-207 First description of, 22:95-98 Of the breast, 24:290-293 Of the colon and rectum, 24:160-162 Of the head and neck. 24:32-35 Treatment of melanoma of, 23:284

Biography of, 24:294-296 Obituary of, 23:256-257 Feline leukemia-sarcoma complex, 24: Ferguson plant products for cancer, Fetal sulfoglycoprotein antigen (FSA) in gastric disorders, 25:212 Fibrosarcoma, 24:209,210-211 Fibroxanthoma, 24:202-203 Fluoroscopically assisted studies of lung cancer, 25:253-255 5-Fluorouracil See chemotherapy. Frozen section in the diagnosis of

Endometrial cancer, 23:99-105

Adenomatous hyperplasia, 23:99-101,

cancer. 21:270-273

Fulguration vs. abdominal-perineal resection for rectal cancer, 21:267-268
Functioning of tumors, 22:41-45,53

G

Gamma-Fetoprotein (Gamma-FP) in cancer detection, 25:212

Ganglion, 21:383

Gastrectomy
First report of, 22:296-302

Gastrointestinal disorders
CEA measurement in, 25:25-26
Fetal sulfoglycoprotein antigen (FSA)
detection of, 25:212

Germ cell tumors of the ovary, **24**:344-345; **25**:335-336

Gerson Method of cancer treatment, **23**:314-317

Genetics See heredity.

Giant cell tumors of the bone, 24:197, 201-202

Of the tendon sheath, **21**:383-384 **Gliomas**, malignant, **25**:114-115,120 **Glomus tumor**, **22**:179

Godlee, Rickman John Biography of, 24:169-170

Gonadal stromal tumors of the ovary, 25:336-337

Gondoblastoma of the ovary, **24**:345-346; **25**:336

Grading of tumors, 21:368,377 Graham. Evarts A.

Biography of, **24**:236-237,337 **Grape diet, 24**:144-146

Gross surgical specimens
Examination of, 21:273-277

GynecologicCancer and estrogens, **25**:291
Examination, **25**:281-285

H

Haemotoxylon dissolved in Dimethylsulphoxide (D.M.S.O.), **21**:386-387 Halsted, William S.

Biography of, 23:94-95

Handwriting test for cancer, 21:120-122
Head and neck cancer

Placemy in in treatment of 24:222 223

Bleomycin in treatment of, **24**:322-323 Examination of, **24**:32-35 Incidence of, **21**:288-289 Metastases of, **21**:112-119 Radiation for, **23**:61 Surgery for, **21**:290-291; **22**:110-112

Hemangioma

Of the blood and lymph vessels, **22**:176-179

Of the bone, 24:203

Hemangiopericytoma, 22:180-181 Heredity and cancer, 24:130-131

Applications of, 24:135

Nature of genetic deficiency, 24:134-135

Two mutational model for, **24**:131-134

Herpes simplex infections

Controversy over dye-light therapy for, **25**:72-73

Herpesviruses See virus. Hertz, Roy

Biography of, 23:242-243

Highlighting Cancer Chemotherapy Reports, 21:66-67,130-131,198-199,265-266,392-393; 22:63,124-126,192-193,256,318-319,376-378; 23:64-65,118-119,182-183,258-259,323-325,384-386,394; 24:57,125-127,182-184,255,315-317,369-371; 25:42-43,103-104,296-298,346-347

Hodgkin's disease, 23:346-347; 25:306-319

Classification of, 21:374-377 In children, 21:95-101 Clustering in, 25:231-233 Diagnosis of, 25:306-307 First description of, 23:54-60 Prognosis of, 25:318-319 Staging of, 25:307-309 Treatment of, 25:308-318 Chemotherapy, 25:308-318 Bleomycin, 24:322-323

Bleomycin, 24:322-323 Combination, 25:155-158 Radiotherapy, 25:308-318 Splenectomy, 23:61

See also lymphoma and chemotherapy.

Hodgkin, Thomas Biography of, 23:52-53

Hormones

And cancer, **22**:41-45,53 Of the breast, **21**:236-241; **22**:55,57-58

For advanced prostate cancer, 23:284

Huggins, Charles Biography of, 22:230-231

Humanism and cancer, 22:386-387 Hutchinson's melanotic freckle

Differential diagnosis of malignant melanoma and, 23:168

Hypercalcemia and cancer, 25:27-30 Case history of, 25:27 Causes of, 25:28-29 Clinical presentation of, 25:28

Pseudohyperparathyroidism, **25**:29 **Hyperkeratosis of the larynx**Treatment of, **24**:306

Hyperpigmentation as a sign of internal cancer, **22**:366,369

Immunology, 21:134-140; 25:178-186, 187-197 Immune defects. Associated with cancer. 25:179-182. Associated with transplantation. 22:148-150 In Hodgkin's disease and other lymphomas, **21**:351-355 Primary, **25**:178-179 Treatment of. 25:185 Immune response, 25:188-189,192, 194-195 Antigens and, 25:182-184,187 In human tumors, 25:189-191 Tumor-associated, 25:187 Tumor-specific, 21:135-137; 25: 187 Cellular, 25:188 Host resistance in, 24:106 Immunologic surveillance and, 25: 178.191-192 Initiation of, against cancer cells, 22:308-310 Production of antibody, 25:188-189 Suppression by blocking factors, 25:192 Immunotherapy, **21**:137-138; **23**:349-351; **25**:184-186,193-197 BCG, 25:162,198-203 Clinical trials with, 25:202 Current status of, 25:162 Hazards of, **25**:202-203 History of, **25**:198 Mechanisms of action of, 25:201-Methods of administration, 25:198-For Burkitt's tumor. 23:350-351 For leukemia, 23:349-350,351 For localized malignant melanoma, 23:350 Viruses and, Mouse mammary tumor, 22:330-333 **Infections** in cancer patients, **23**:138-150 Afflicted with Hodgkin's and other lymphomas, 21:351-354

Predisposing factors for, 23:138-140
Prevention of, 21:214-219; 23:145-147
Therapy for, 23:147-150
Types of, 23:140-145
Information services, 21:143-155,305
Dial Access Libraries, 21:144-152
Editorial on, 21:200-201
MEDLARS, 21:146-152
Telephone, radio, and television conferences, 21:144-152
See also Dial Access Programs.
Interferon

And virus interference, 22:26-29
Induction with poly I:C, 22:28-29
In mouse mammary cancer, 22:333
International campaign against cancer, 24:368
Intradermal nevus
Differential diagnosis of malignant melanoma and, 23:163
Iodinated contrast studies for staging of lung cancer, 25:255-256
Isoenzymes, use in cancer management, 23:278
Isolation of cancer patients
Editorial on, 22:129
Issels Combination Therapy for cancer, 22:188-191

Cancer of, **22**:107-109 Burkitt's lymphoma, First report of, **22**:348-355

Kanfer Neuromuscular or Handwriting Test for cancer, 21:120-122 Kaposi's sarcoma, 22:180 Kidney See renal cell carcinoma. Krebiozen and Carcalon, 23:111-115

Laetrile, 22:245-251
Laminar air flow room as prophylaxis of infection in cancer patients, 21:214-219
Laparotomy, exploratory
In Hodgkin's disease and other lymphomas, 21:346-347
In children, 21:99-101
Larynx, hyperkeratosis of

Treatment of, 24:306

L-asparaginase

See chemotherapy.

Legislation on cancer
Editorial on, 21:332-333
National Cancer Act of 1971, 23:47-51
Purpose, 23:47-48
Strategy, 23:48-51
National cancer program, 25:343
Leiomyoma, 21:379
Leiomyosarcoma, 21:379-380

Of the colon, **25**:102 **Leukemia**Chemotherapy for, **23**:347-349 Adriamycin, **24**:327-328 Combination, **25**:155-158 Immunotherapy trials and, **23**:349-351

Clustering in, 25:230-234 First description of, 25:91-97 First remission in children, 24:294-305 Lewis Methods for cancer, 22:312-317 **Life Island** as prophylaxis of infection in cancer patients, **21**:214-219 Lipoproteins and cancer, 21:202-212 **Liposarcoma**, treatment of In the thigh, **24**:307 Liver cancer Detection by, Alpha₁-Fetoprotein (AFP) levels. 25:210-211 Beta-S Fetoprotein (Beta-SFP) levels, 25:212 Metastatic. Treatment of, 23:180; 24:247 **Looking at Cancer, 21**:63-65,128-129, 190-192, 262-264, 322-324, 388-389; 388-389; 22:66-67, 118-121, 198-199, 252-253, 322-323,381-383; **23**:68-69,122-123,189-192, 326-327,383; **24**:62-63,128,190-248-249, 308-311,375-376; **25**:40-41,111,166-169, 235,301-302,348 Lung cancer, 24:87-95,96-99; 25:242-Detection of. 25:210.242-243 By CEA measurement, 25:210 Diagnosis of, 24:96-98 Histologic classification of, 25:243-250 Adenocarcinoma, 25:246-249 Bronchial adenoma, 25:249-250 Epidermoid carcinoma, 25:244-245 Large cell undifferentiated carcinoma,

25:249 Pancoast tumor. 25:250 Small cell undifferentiated carcinoma, (oat cell), 25:245-246 Metastases of, 25:256 Staging of, 25:250-256 Bronchography for, 25:254 Chest fluoroscopy for, 25:253,255 Fluoroscopically assisted studies for, 25:254 General rules of, 24:87-89 lodinated contrast studies for, 25:255-Linear tomography for, 25:253-254, Mediastinoscopy for, 25:256 Specific considerations of, 24:89-92 Standard chest radiography for, 25: 251-252,255 TNM System for, 24:87-95; 25:252 Work sheet for, 24:95 Survival rates from, 24:147 Treatment of. Chemotherapy, 24:99,327 Immunotherapy, 24:99 Radiotherapy, 24:98-99 Surgical resection, 24:98

First description of, 24:238-242 Lymph node dissection For malignant melanoma, 22:216-220 For testicular tumors, 25:279-280 Lymphoepithelial lesions of the salivary glands, 24:270 Lymphoma, malignant, 24:137-140 Classification of, 21:343-345,374-377 Complications of, 21:351-355 Diagnosis 24:137-138 of. 21:342-345.374-377: Incidence of, 21:342-343 Management, 21:355-358; 24:139-140 Chemotherapy, 21:356-358; 24:139 Adriamycin for, 24:327 Bleomycin for, 24:322 Immunotherapy, **24**:140 Radiotherapy, **21**:355-356; **24**:139 Non-Hodgkin's lymphoma Advances in. 25:320 Staging, 25:321-327 Treatment, 25:327-333 For Stages III. III. and III, 25:327,333 For Stage IV, **25**:333 Oral cavity, **22**:39,212-213 Staging of, **21**:344-351; **24**:138-139 Gallium-67 scanning, **21**:350-351 Laparotomy, **21**:346-347,350 Liver biopsy, **21**:349-350 Splenectomy, **21**:348,350 See also Burkitt's lymphoma Hodakin's disease Lymph vessel tumors, 22:181-183 Lymphangioma, 22:181-183

Malignant effusions and metastatic carcinoma, 21:47-49 Cytologic examination of, 21:252-254 **Mammography** for breast cancer detection, **21**:158-161; **22**:62; **24**:83-84 Martland, Harrison Stanford Biography of, 23:367 Mastectomy First description of, 23:96-98 Subcutaneous bilateral. For chronic cystic mastitis, 24:246-247 Mediastinoscopy For testicular tumors, 25:279-280 In lung cancer, 25:256 Medical education in oncology Editorial on, 25:175-176 Medical Information Services Evaluation of, 21:149-151 Organization of, 21:147-149 Specific techniques for, 21:143-147

Meigs, Joe Vincent

Lymphangiosarcoma, 22:182-183

Embryonal, 21:381-382 Biography of. 25:31-32 Pleomorphic, 21:382-383 Melanoma, malignant, 24:225-228,338 Myeloma, 24:204-205 Biopsy of. 24:104-105.233-235 Differential diagnosis of, 23:160-170 Benign pigmented nevi, 23:161 Blue nevus, 23:164 Compound nevus, 23:162 National Cancer Institute Hutchinson's melanotic freckle, 23: of drugs, 22:99-101 Intradermal nevus, 23:163 Malignant melanoma, 23:169-170 Pigmented basal cell carcinoma. 23:167 109 Funding for, 23:109 Sclerosing hemangioma, 23:166 Seborrheic keratosis, 23:165 Lymph node dissection for, 22:216-220: 23:42-45 Incontinuity versus discontinuous, 22:219-220 Oral cavity, 22:39,212-213 Needle aspiration See breast. Pregnancy and, 25:164 Uveal. Enucleation for. 23:284 Metastasis of, 23:284 Meningeal sarcoma Radiation therapy for, **25**:163 **Meningiomas, 25**:114-115 Case history of, 25:275 Diagnosis of, 25:265-268 Mesenchymal tumors (gonadal stromal) Bone scans for, 23:116 Management of, 25:265 of the ovary, 24:345 Metabolic abnormalities In anorexia and cachexia, 21:73-75 Metastatic cancer From neuroblastoma, 23:116 Management of, 21:47-57 By surgery, 25:269-271 By anticoagulation, **23**:38-41 Of the bone, **24**:197,211 Neurofibromatosis, multiple See Von Recklinghausen's disease. Of the breast, Therapy for, 21:236-247,306-316 Neuromuscular Handwriting Test for Of the cervical lymph nodes cancer. 21:120-122 Nevi, benian With unknown primary, 21:112-119 Differential diagnosis of malignant mel-Of the colon, variables in, 21:32-35 anoma and, 23:161-164 Of the uveal, 23:284 Methotrexate See chemotherapy. Microscopic examination of tumors, See lymphoma. Nursing, cancer Mixed tumors of the salivary glands,

Chemotherapy program for evaluation National Cancer Program, 23:106-110 Plan for, 23:47-51 Demonstration projects for, 23:107-Objectives of, 23:47-48,106-107 Planning sessions of. 23:50-51 Structure of. 23:49,109-110 Role of private sector in, 23:62-63,109 National Wilms' Tumor Study, 24:75-76 Nervous system metastases Management and effects of, 21:49-53 From a breast primary, 21:311-313 Neuroblastoma, disseminated, 25:264-By chemotherapy, **25**:268-269,272-277 By radiotherapy, **25**:268-269,271-272 Neurodiagnostic tests, 25:116

Nitrosamines and cancer, 24:351,353

Non-Hodgkin's lymphoma

American Cancer Society's work study program in, 24:191-192

Nutrition and cancer, 21:398-406 In animals, **21**:399-402 In man, **21**:402-404

Of the colon, 21:403-404; 23:151-154 Of the liver, 21:404 Of the oropharynx and esophagus, 21:402-403

Of the stomach, 21:403

Obstructive syndromes and metastases, 21:53-54

24:268-272

Mortality, cancer In Black population, 24:42-46

Biography of, 23:305-306

Muscle tumors, 21:379-383 Leiomyoma, 21:379

Mucoepidermoid carcinoma, 24:270-

Leiomyosarcoma, 21:379-380 Rhabdomyoma, 21:380-381

Rhabdomyosarcoma, 21:381

See also statistics. M-P virus, 21:186-189

Müller, Johannes

Oncofetal antigen in pancreatic cancer. Oncologist and cancer management. 24:320 Oncology Pediatric. 24:332-335 See also classics in oncology. **Oncornavirus** See virus. Oral cavity Benign tumors of, 22:102-106 Fibroma, 22:103 Granular cell myoblastoma, 22:104 Hemangioma, 22:104 Lingual thyroid, 22:106 Median, rhomboid glossitis, 22:106 Mixed, 22:104 Mucocele, 22:102 Papilloma, 22:103 Pyogenic granuloma, 22:103 Reparative giant cell granuloma, 22:104-105 Torus, 22:105 Treatment of, 22:210 Cancer of. Adenocarcinoma, 22:38-39,212,213, 356 Diagnosis of, 22:30-39,159-175 Biopsy, 22:159-162 Differential, 23:31-32 Exfoliative cytology for, 22:163-171 False-positive findings in, 22:169 Indications for, 22:163-166 Physical examination, 22:32-35 Roentgen examination, 22:108 Staining techniques, 22:172-175

Staining techniques, 22:172-175 Symptomatology, 22:31-34 Etiology of, 23:28-30 Follow-up after radiation treatment, 25:163 Jaw tumors, 22:107-109 Lymphomas, 22:39,212-213 Melanoma, 22:39,212-213 Plasmocytoma, 22:39

Squamous cell, **22**:35-38,210-213 Therapy for, **22**:209-215 Palliative, **22**:212-214-215 Surgery, **22**:74-75, 209-215, 303-307, 356

Orchiectomy for advanced prostatic cancer, 25:101

Osteoblastoma, 24:201 Osteochondroma, 24:198-199 Osteogenic sarcoma, 24:197,207,208-210

Osteoid osteoma, 24:200-201 Osteoma, 24:198

Sites of, 22:34-35

Osteoradionecrosis
In luminous watch dial painters,
23:367-374

Prevention of, 23:61 Ovarian cancer, 21:365-367; 25:159-161 And CEA levels, 24:350 And pregnancy, **24**:349 Diagnosis of, **21**:365-366; **22**:357-359; 24:340-341 In children, 25:334-335 Histologic typing of, 25:160-161 Metastasis of, 24:346 Staging of, 24:341-342 Surface epithelial tumors of borderline Malignancy, **25**:159-161 Symptoms of, **24**:339-341 Teratomas of, **25**:292 Treatment of, **21**:366-367; **24**:342-347, 348-350 Chemotherapeutic, 24:347 Alkylating agents, 25:153 Of childhood, 25:335-337 Of epithelial cancer by stage, 24:342-344 Of nonepithelial cancer, Germ cell tumors, 24:344-345 Gonadoblastoma, 24:345-346 Mesenchymal (Gonadal Stromal).

Surgical, 24:348-349,350 Oxyphilic adenoma (oncocytoma) of the salivary glands, 24:270

Radiation, 24:106,346-347,348

P

Paget's disease of the breast, First description of, 21:303-304 Pain control techniques, 23:269-274 Analgesics, 23:270-271 In metastatic cancer, 21:56 Peripheral nerve block, 23:272 Subarachnoid alcohol block, 21:248-251; 23:272-274 Subarachnoid saline injection, 23:273

Palliation
For incurable cancer, 21:47-57
Of the breast, 21:236-247,306-316
Techniques for nutritional,
Bypass surgery,
For alimentary cancer, 22:74-79
For oral cavity cancer, 22:212-215
Pancoast tumor, 25:250

Pancoast tumor, 25:250
Pancreatic cancer
Diagnosis of, 24:148
Epidemiology of, 22:274-275
First surgical removal of pancreas for, 24:361-367
Head of pancreas,
Diagnosis of, 22:276-277,282
Treatment of, 22:277-279,282

Malignant islet cell tumors of, Treatment with Streptozotocin, **25**:153

Measurement of CEA in, 25:25-26 Oncofetal antigen levels in. 25:212 Prognosis of. 22:279-280,282 Tail and body of Diagnosis of, 22:280-281,282 Treatment of, 22:281-282 Papanicolaou, George Biography of, 23:171-173 Papanicolaou's diagnostic test, 23:174-**Papovavirus** See virus. Paraplegia and bladder cancer, 24:107 Pathology First systematic and codified text of, 24:47-48.49-56 Müller's treatise on, 23:307-312 Of cancer, 22:41-54 Functioning tumors, 22:41-45,53 Gross appearance and microscopic diagnosis of, 22:49 Metastases of, 22:45-50,53 Direct invasion, 22:45-46,53 Through lymphatics, 22:46-49,53 Through veins and arteries, 22:49-Radiotherapist and pathologist, 22: 50-54 See also diagnosis. Patients, cancer, Decisions about. 23:155-159

Patient's role in choosing therapy, Editorials on, 22:129,386-387 Emotional reactions of, 22:70-72,284-291; 24:36-39 Isolation systems for, 21:214-219 Life-threatening infections in, 23:138-Rights of, 25:98-100 Survival rates for, 25:338-343

Pelvic examination See gynecologic examination. Penis

Squamous cell cancer of, Etiologic relationship of podophyllin with, 25:291

Periosteal reaction as a sign of bone cancer, 24:194-195,196 Peripheral nerve block, 23:272 Plasmacytoma of the oral cavity, 22:39 Pneumonectomy

First report of, 24:236-242,337 Podophyllin's relationship with cancer,

Polycyclic hydrocarbons, 24:354 Poly I:C as interferon inducer, 22:26,28-

Polyps, colorectal Management of, 23:91-93,313 Pott, Sir Percivall

Biography of, 24:108-109

Pregnancy And breast cancer, 23:180

And melanoma of the sacrum, 25:164 And precancerous lesions of the cervix. 24:141-143

Proctosigmoidoscopy, 24:160-162 Detection of colon and rectal cancer. 25:286-290 Tutorendoscope for teaching technique

of. 23:354-361 Prolactin

See breast. Prostate cancer, 24:282-288 Diagnosis of, 24:283-284 Hormonal palliation of, 23:284 Incidence of, 24:282 Metastatic. First use of orchiectomy and estrogens for, 22:232-240

Orchiectomy for, **25**:101 Staging of, **24**:282-283,284 Treatment of, 21:109-111; 24:284-288 Palliative, 24:285-287 Radiotherapy, 25:73 Pseudohyperparathyroidism, 25:29

Quiz: Is It Cancer?, 24:289

Radioactive isotopes as treatment for malignant effusions, 22:143-146 Radiography, standard chest For lung cancer, 25:251-252,255 Radioisotopic scanning, 24:85 Radiology, diagnostic, 24:83-86 Arteriography, 24:86

EMI scanning, 24:85-86 For bone tumors, 24:194-211 Lymphangiography, 24:86 Mammography, 24:83-84 Radioisotopic scanning, 24:85-86 Thermography, 24:84 Tomography, 24:84 Ultrasound, 24:84 Venography, 24:84 Xeroradiography, 24:83-84 Radionuclides

In cancer diagnosis, 21:292-301,334-340 Production of,

By cyclotron, 21:334-340 Properties of specific ions, 21:337-340 Radiotherapy

Combined with actinomycin D. For soft tissue sarcomas, 23:268 For Wilms' tumor, 23:345 Combined with chemotherapy,

For Stage III childhood Hodgkin's disease. 23:232-241 Results of, 23:238-241 Staging of, 23:232-234 For bladder cancer, 23:85-90 For brain cancer, 25:116-117 For breast cancer. First X-ray therapy for, 22:152 Incurable, 21:241-247.306-316 Combined with systemic therapy. 21:236-247 Necrosis from, 21:315 For colon cancer, recurrent, 23:302 For Ewing's diffuse endothelioma of bone, 22:94-98 For head and neck cancer, 23:61 For Hodgkin's disease and other lymphomas, 21:355-356; 25:308-318 For meningeal sarcoma, 25:163 For metastases, Of breast cancer, **21**:244-247,306-315 Abdominal, **21**:314 Bony, 21:306-311 Central nervous system, 21:311-Intrathoracic, 21:244-247 Soft tissue, 21:313-315 For neuroblastoma, disseminated, 25: 268-269,271-272 For oral cavity cancer. 22:209-215.356: 25:163 Palliative, 22:212-214 For ovarian cancer, 24:346-347,348 Postoperative, 24:106 For prostate cancer, 25:73 For stomach cancer, 23:302 For testicular tumors, 25:279-280 For Wilms' tumor, 24:71-72,75 Thyroid cancer development after, 25:164-165

Rectal cancer
Examination for, 24:100-103
Positions of, 24:280
Surgery for,
Abdominal-perineal vs. fulguration,
21:267-268
First report of, 21:361-364
Regional medical programs and cancer

Regression, spontaneous, 24:274-279
Occurrence of, 24:274-275
Possible causes of 24:275-279

Possible causes of, 24:275-279
Renal cell carcinoma, 25:121-132
Metastases of, 25:122
Natural history of, 25:121-122
Spontaneous regression of, 25:125-129
Staging and grading of, 25:129-132
Symptoms and signs of, 25:122-125
Endocrine, 25:124-125
Localized, 25:123
Systemic, 25:124

Reporting on Cancer Research, 21:68-70,123-124,193-195,255-257,325-327,394-396; 22:68-69,122-123,196-197,254-255,320-321,379-380; 23:66-67,120-121,184-186,263-264,320-322,381-382; 24:58-59,123-124,188-189,250-252,312-314,377-378; 25:44-45,105-106,170-171,236-237,299-300,345

Research methodology, 25:58-61

Analysis, 25:60-61

Experimental design, 25:60

Research methodology, 25:58-61 Analysis, 25:60-61 Experimental design, 25:60 Formulating the hypothesis, 25:58 Interpretation, 25:61 Pretesting, 25:59 References, 25:59 Reticulum cell sarcoma, 24:197,205-206

Rhabdomyoma, 21:380-381 Rhabdomyosarcoma, 21:381-383 Embryonal, 21:382 Pleomorphic, 21:382-383 Rights of the cancer patient, 25:98-100

Rights of the cancer patient, **25**:98-100 **RNA to DNA** genetic transfer of information, **21**:36-38 **Roentgenography** of operative specimen in breast cancer, **21**:2-10,11-12

With Faxitron 804, 21:11 Röntgen, Wilhelm K. Biography of, 22:151-152

9

Sacrococcygeal teratomas in children, 22:202-208 Diagnosis of, 22:204-206 Incidence of, 22:202-203,208 Clinical presentation of, 22:204-205 Differential, 22:205-206 Pathology of, 22:203-205 X-ray, 22:205 Management of Surgical, 22:206-207,208 Survival rates of, 22:207-208 Salivary gland tumors Benign, 24:268-270 Lymphoepithelial lesions, 24:270 Mixed. 24:268-269 Oxyphilic adenoma (oncocytoma), **24**:270 Papillary cystadenoma lymphomatosum (Warthin's tumor), 24:269 Diagnosis of, 24:266-268 Biopsy for, 24:268 Incidence of, 24:266 Malignant, 24:270 Adenocarcinoma, 24:271,272-273 Acinic cell carcinoma. 24:272-273 Adenocystic carcinoma droma), 24:272

Mixed, 24:271-272

Mucoepidermoid carcinoma, **24**:270-271

Squamous carcinoma, 24:273

Sarcomas

Adriamycin as treatment for, 24:326-327
Bleomycin as treatment for, 24:322
Classification of, 21:372-374
Smooth muscle, 21:379-380
Leiomyosarcoma, 21:379-380
Striated skeletal muscle, 21:380-383
Rhabdomyosarcoma, 21:381

Synovial tissue, 21:383-385 Synovial sarcoma, 21:384-385

Meningeal

Radiation therapy for, **25**:163 Osteogenic

Diagnosis of, 23:74-75

First report of, in luminous watch dial painters, 23:367-374

Vaccine trials for, 23:74-80 Lysed cell vaccine, 23:76 Whole cell vaccine, 23:76-77

Ovarian, in children Treatment of, **25**:335-337 Soft tissue.

Diagnosis of, 23:266-267 Management of, 23:266-268 Chemotherapy, 23:268 Radiotherapy, 23:268

Chemotherapy, 23:268 Radiotherapy, 23:268 Surgery, 23:267-268 Scanning, radionuclidic

In the diagnosis of cancer, 21:292-301 Agents for, 21:294-301,334-340 Schiller iodine test for cervical neoplasia, 24:23-24

Scintiscan

For evaluation of thyroid nodules, 23:281-283

Sclerosing hemangioma, 23:166 Scott, Wendell G.

Obituary of, **22**:260-261

Scrotal cancer in children, 24:163-168 Age incidence of, 24:165 Clinical presentation of, 24:164 Diagnosis of, 24:166-167,168 Disease course of, 24:165-166 First description of, 24:108-116

Histologic types of, **24**:163 Treatment of, **24**:166-168 **Seborrheic keratosis**, **23**:165

Seminoma, 25:88 Treatment of testicular, 24:244; 25:88

Serum

Lipoproteins in, 21:202-212

Skin disorders

As a sign of internal cancer, 22:364-371
Benign cutaneous lesions, 22:367-

Erythema,

Diffuse and variable, 22:365-369 Localized, 22:365,366 Hyperpigmentation, 22:366,369

Cancer.

Basal cell carcinoma, 24:220-223
Nodulo-ulcerative basal carcinoma, 24:221
Superficial basal cell carcinoma, 24:221

24:221-223

Common sites of, **24**:219-220 Danger signals for, **24**:227 Diagnosis of, **24**:218-220 Incidence of, **24**:218-219 Melanoma, **23**:160, 169-170; **24**:225-228, 338 And pregnancy, **25**:164

Lymph node dissection for, **23**:42-45

Squamous cell carcinoma, **24**:224-225

Therapy for, See chemotherapy.

Smoking, cigarette
And risk of lung cancer, 23:362-366
Editorial on, 25:303-304

Effect on dogs, 21:78-94

Squamous cell carcinoma

Of the oral cavity, 22:35-3

Of the oral cavity, **22**:35-38,212-213 Of the penis and podophyllin, **25**:291 Of the salivary glands, **24**:273 Of the skin, **24**:224-225 Treatment, **24**:244

Staging of tumors, 21:368-370,377 Of Hodgkin's disease, 21:344-351 In children, 21:95-101 Of lung cancer, 24:87-94 Of lymphoma, 21:345-351

Statistics, cancer, 21:13-31; 22:2-20; 23: 2-27; 24:2-21; 25:2-21,159
For Black population, 24:42-46
For prostate cancer, 24:282

Stilbestrol

And contraceptive pills, **24**:31 And vaginal cancer, **22**:292-295

Stomach cancer, 23:286-304
Diagnosis of, 23:288-293
Etiology of, 23:286-288
First gastrectomy for palliation of, 22:296-302
Incidence of, 23:286-287
Recurrence of, 23:300-301
Scirrhus, 24:47-50

Surgery for, **23**:293-300 Bypass, **22**:76-77,311

Palliative, **23**:300
Survival of patients with, **23**:302,303 **Streptozotocin** in the treatment of malignant islet cell tumors of the pancreas,

25:153
Subarachnoid alcohol block for pain control. 21:249-251

Surgery

Bypass,

For nutritional palliation in alimentary tract cancer, 22:74-79,311

Elective neck dissection. Criteria for, 22:110-112

For bladder cancer, 23:84-90

For brain cancer, 25:116

Disseminated neuroblastoma, 25:269-

For breast cancer, 22:55-56,58,62

During pregnancy, 23:180 Radical mastectomy for,

ACS policy statement on, 23:341-

Controversy over radical vs. conservative surgery, **23**:330-333,334-338,339-340; **24**:78-82

First description of, 23:94-98 For cecum cancer with liver metasta-

sis. 23:180 For effusions, recurrent malignant, 22:

146 For Hodgkin's disease, Splenectomy, 23:61

For melanoma, 22:212-213

Lymph node dissection, 22:216-220; 23:42-45

Incontinuity versus discontinuous. 22:219-220

For oral cancer. Palliative, 22:212-215

Reconstruction and rehabilitation, 22:303-307

Versus radiotherapy, 22:209-215,356

For pancreatic cancer, Body and tail, 22:281-282 Head, 22:277-279,282

For sacrococcygeal teratomas in children, 22:202-208

For soft tissue sarcoma, 23:267-268 For stomach cancer, 23:293-300

For testicular tumors.

Versus radiation therapy and retroperitoneal node dissection, 25:279-

For Wilms' tumor, 24:71

Gastrectomy,

First report of, 22:296-302

Orchiectomy combined with estrogens, For metastatic cancer. First report of, 22:230-240

Survival rates of cancer patients, **25**:338-343

Editorial on, 25:239-240

Synovium

Tumors of, 21:383-385 Ganglion, 21:383

Giant cell tumor of tendon sheath, 21:383-384

Synovial sarcoma. 21:384-385

Teratocarcinoma

Treatment of testicular, 25:88

Teratoma of the ovary, 25:292 See also sacrococcygeal teratomas.

Testicular tumors

Detection by alpha₁-fetoprotein (AFP),

Diagnosis of, 25:85-86 Etiology of, 25:82 Staging of, 25:82-85

Treatment of, 25:86-89 Chemotherapy, 23:345; 25:89 Choriocarcinoma, 25:88-89

Disseminated disease, 25:89 Embryonal carcinoma, 25:88 Regional node disease, 25:87-88

Seminoma, 25:88 Surgery vs. radiotherapy, and retroperitoneal lymph node dissection, 25:279-280

Teratocarcinoma, 25:88

Testis cancer

Bleomycin as treatment of, 24:324 Treatment for seminoma of the, 24:244.337-338 See also scrotum.

Thermography, 24:84 Thyroid cancer

Differential diagnosis of, 23:281-283 See also adenocarcinoma.

TNM System

For esophageal cancer, 25:50-55 For lung cancer, 25:252

Tomography, 24:84

For lung cancer, 25:253-254,255 Trabeculation of bone cancer, 24:194,

Transition zone of bone cancer, 24:194,196

Transplantation

And cancer incidence, 22:148-150 As cancer therapy, 22:150

Tumor-specific immunology in humans, **21**:135-13

Tutorendoscope

For proctosigmoidoscopy, 23:354-361

Ultrasound, 24:84

Undifferentiated lung carcinoma

Large cell, **25**:249 Small cell, **25**:245-246

Unproven methods of cancer management. 25:66-71

Bonifacio anticancer goat 21:43-45

Contreras methods, 21:317-321 Editorial on, 21:71

Ferguson plant products, 22:113-117 Gerson method, 23:314-317 Grape diet, 24:144-146 Haematoxylon dissolved in Dimethylsulphoxide (D.M.S.O.), 21:386-387 Issels combination therapy, 22:188-191 Kanfer neuromuscular or handwriting test. 21:120-122 Krebiozen and Carcalon, 23:111-115 Laetrile, 22:245-251 Lewis methods. 22:312-317 M-P virus. 21:186-189

Uterine cervix

Bleomycin as agent for, 24:322 Precancerous lesions in pregnancy, 24:141-143

Vaccines, cancer virus, 24:212-217 Feline leukemia-sarcoma complex, 24:216-217 For herpesvirus, 24:214-215,216

For osteogenic sarcoma, 23:74-80 Vaginal cancer

Association with stilbestrol, 22:292-295

Viewing the Journal of the National **Cancer Institute, 21**:58-62,125-127,196-197,258-261,328-331,390-391; **22**:64-65, 127-128,194-195,257-259,324-326,384-385; **23**:70-71,124-126,187-188,260-262, 318-319,378-380; **24**:60-61,119-122,185-187,253-254,318-319,372-374; **25**:46-47, 107-110,172-174,238,293-294,344

Vinvl chloride and cancer, 24:352,353 Virchow, Rudolf

Biography of, 25:91-92

Viruses and cancer, 21:36-38; 23:127-136; 25:215-219.230

Adenoviruses, 23:132; 25:216 Herpesviruses. 23:132-135; 24:214-

215. 258-264: 25:222-223 Characteristics of, 25:222-223 Epstein-Barr virus. 25:222.225-226 And Burkitt's lymphoma. 25:225-

And nasopharyngeal carcinoma, 25:226

Herpes Genitalis

Primary, 24:258-259 Recurrent, 24:259 Relation with cervical cancer. **24**:261-264; **25**:226-228

Treatment of, 24:260-261 In animal tumors, 25:223-225 In Burkitt's lymphoma, 22:346 Of the breast, 22:58-59,61 In animals, 22:329-335 Mouse mammary tumor virus, 22:330-333 In humans, 22:329,330,334-335 Oncornaviruses. 23:193-200: 25:216-222,228-229

Characteristics of. 23:193-195: 25:216 B-type, 25:216-222 C-type, 25:216-219

Rous sarcoma virus First report of transmissions of, 22:21-Virogene-oncogene theory of, 24:213-

214 Von Recklinghausen's disease, 21:174-

Associated factors of, 21:174-175 Incidence of, 21:174 Natural history of, **21**:176-180 Prognosis of, **21**:180-183

Warthin's tumor, 24:269 Wertheim operation First report of. 25:31-39

Wilms' tumor Bilateral, 24:75

Clinical manifestations of, 24:66-67 Diagnosis of, 24:67-69 Incidence of. 24:66 National study of, 24:75-76 Pathology of, 24:70 Staging of, **24**:69-70 Survival from, **24**:75-76 Treatment of, **24**:70-76

Chemotherapy, **23**:345; **24**:73-75,233 Radiotherapy, **23**:345; **24**:71-72,75-76 Surgery, **23**:345; **24**:71

Xeroradiography, 24:83-84 X-rays

Discovery of, 22:151-152,153-157

Zen Macrobiotic diet for cancer. 22:372-

